

FORM PTO-1449 U.S. Department of Commerce Patent & Trademark Office		Attorney Docket No. 1830/50325	Serial No. 09/933,717
O I P E P A T E N T O F F I C E D E C 0 7 2001 INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			
Applicant: Masahiro IMOTO, et al.			
Filing Date August 22, 2001		Group	

U.S. PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)	
	AA							
FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	TRANSLATION Yes No	
	AB							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)								
H.L.	AC	P. De SARNO, "Modulation of Acetylcholine Release by Nicotinic Receptors in the Rat Brain" Journal of Neuroscience Research, 1989						<input checked="" type="checkbox"/>
	AD	LEVIN, et al. "Nicotinic acetylcholine involvement in cognitive function in animals" Psychopharmacology, 1998						<input checked="" type="checkbox"/>
	AE	DECKER, et al. "Minireview Diversity of Neuronal Nicotinic Acetylcholine Receptors: Lessons from Behavior and Implications for CNS Therapeutics" Life Sciences, 1995						<input checked="" type="checkbox"/>
	AF	SALOMAN, et al. "Nicotine Inhibits Amyloid Formation by the B-Peptide" Biochemistry, 1996						<input checked="" type="checkbox"/>
	AG	KIHARA, et al. "Nicotinic Receptor Stimulation Protects Neurons Against B-Amyloid Toxicity" American Neurological Association, 1997						<input checked="" type="checkbox"/>
	AH	SANDBORN, et al. "Transdermal Nicotine for Mildly to Moderately Active Ulcerative Colitis" American College of Physicians, 1997						<input checked="" type="checkbox"/>
	AI	NORDBERG, et al. "Nicotinic and Muscarinic Subtypes in the Human Brain: Changes with Aging and Dementia" Journal of Neuroscience Research, 1992						<input checked="" type="checkbox"/>
	AJ	NEWHOUSE, et al. "Intravenous nicotine in Alzheimer's disease: a pilot study" Psychopharmacology, 1988						<input checked="" type="checkbox"/>
	AK	GALZI, et al. "Neuronal Nicotine Receptors: Molecular Organization and Regulations" Neuropharmacology, 1995						<input checked="" type="checkbox"/>
	AL	SCHRATTENHOLZ, et al. "Agonist Responses of Neuronal Nicotinic Acetylcholine Receptors are Potentiated by a Novel Class of Allosterically Acting Ligands" Molecular Pharmacology, 1996						<input checked="" type="checkbox"/>
	AM	LIN, et al. "Recent developments in neuronal nicotinic acetylcholine receptor modulators" Ashley Publications, 1998						<input checked="" type="checkbox"/>
	AN	BARRANTES, "Molecular Pathology of the Nicotinic Acetylcholine Receptor" The Nicotinic Acetylcholine Receptor: Current Views and Future Trends, 1998						<input checked="" type="checkbox"/>
H.L.	AO	LENA, et al. "Allosteric nicotinic receptors, human pathologies" J. Physiology, 1998						<input checked="" type="checkbox"/>
EXAMINER		<i>Henry Lee</i>		DATE CONSIDERED		3/30/03		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.								

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	AP						
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	TRANSLATION Yes No
	AQ						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
H.L.	AR	TACHIBANA, et al. "Xenon Contrast CT-CBF Scanning of the Brain Differentiates Normal Age-Related Changes for Multi-Infarct Dementia and Senile Dementia of Alzheimer Type" Journal of Gerontology, 1984 ✓					
	AS	NEWHOUSE, et al. "Nicotinic System Involvement in Alzheimer's and Parkinson's Diseases" Clinical Pharmacology, 1997 ✓					
	AT	MAELICKE, et al. "New approach to drug therapy in Alzheimer's dementia" Elsevier Science Ltd. 1996 ✓					
	AU	HOLLADAY, et al. "Neuronal Nicotinic Acetylcholine Receptors as Targets for Drug Discovery" Journal of Medicinal Chemistry, 1997 ✓					
	AV	SHACKA, et al. "Central and Peripheral Anatomy of Nicotinic Sites" Medicinal Chemistry Research, 1996 ✓					
	AW	ARENDAH, et al. "Improved learning and memory in aged rats with chronic administration of the nicotinic receptor agonist GTS-21" Elsevier Science, 1995 ✓					
	AX	BRIGGS, et al. "Functional Characterization of the Novel Neuronal Nicotinic Acetylcholine Receptor Ligand GTS-21 In Vitro and In Vitro" Pharmacology Biochemistry and Behavior, 1997 ✓					
	AY	BENCHERIF, et al. "RJR-2403: A Nicotinic Agonist with CNS Selectivity I. In Vitro Characterization" Journal of Pharmacology and Experimental Therapeutics, 1996 ✓					
	AZ	LIPPIELLO, et al. "RJR-2403: A Nicotinic Agonist with CNS Selectivity I. In Vitro Characterization" Journal of Pharmacology and Experimental Therapeutics, 1996 ✓					
	BA	LLOYD, et al. "The Potential of Subtype-Selective Neuronal Nicotinic Acetylcholine Receptor Agonist as Therapeutic Agents" Life Sciences, 1998 ✓					
	BB	NAGATA, et al. "Modulation of the Neuronal Nicotinic Acetylcholine Receptor Channel by the Nitromethylene Heterocycle Imidacloprid" Journal of Pharmacology and Experimental Therapeutics, 1996 ✓					
H.L.	BC	CHAO, et al. "Interaction of Imidacloprid Metabolites and Analogs with the Nicotinic Acetylcholine Receptor of Mouse Brain in Relation to Toxicity" Pesticide Biochemistry and Physiology, 1997 ✓					
EXAMINER		<i>Mary Jui</i>		DATE CONSIDERED 3/30/03			
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	BD						
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	TRANSLATION
	BE						Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
H.L.	BF	TOMIZAWA, et al. "Minor changes in nicotinoid insecticides confer differential subtype selectivity for mammalian nicotinic acetylcholine receptors" British Journal of Pharmacology, 1999 ✓					
	BG	COSFORD, et al. "(S)-(-)-5-Ethynyl-3-(1-methyl-2-pyrrolidinyl)pyridine Maleate 9SIB-1508Y): A Novel Anti-Parkinsonian Agent with Selectivity for Neuronal Nicotinic Acetylcholine Receptors" J. Med. Chem., 1996 ✓					
	BH	DECKER, et al. "ABT-089 [2-Methyl-3-(2-(S)-pyrrolidinylmethoxy)pyridine dihydrochloride]: II. A Novel Cholinergic Channel Modulator with Effects on Cognitive Performance in Rats and Monkeys" Journal of Pharmacology and Experimental Therapeutics, 1997 ✓					
	BI	SULLIVAN, et al. "ABT-089 [2-Methyl-3-(2-(S)-pyrrolidinylmethoxy)pyridine]: I. A Potent and Selective Cholinergic Channel Modulator with Neuroprotective Properties" Journal of Pharmacology and Experimental Therapeutics, 1997 ✓					
	BJ	ARNERIC, et al. "(S)-3-Methyl-5-(1-Methyl-2-Pyrrolidinyl) Isoxazole (ABT 418): A Anxiolytic Activities: I. In Vitro Characterization" Journal of Pharmacology and Experimental Therapeutics, 1994 ✓					
H.L.	BK	DECKER, et al. ""(S)-3-Methyl-5-(1-Methyl-2-Pyrrolidinyl) Isoxazole (ABT 418): A Novel Cholinergic Ligand with Cognition-Enhancing and Anxiolytic Activities: II. In Vivo Characterization" Journal of Pharmacology and Experimental Therapeutics, 1994 ✓					
EXAMINER		<i>Heng Lin</i>		DATE CONSIDERED		<i>3/30/03</i>	
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